

Fig. 2

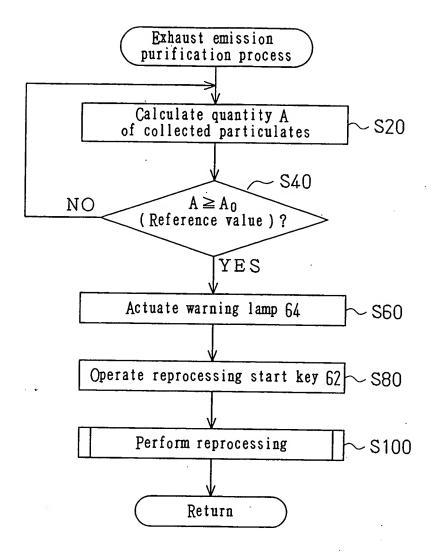


Fig. 3

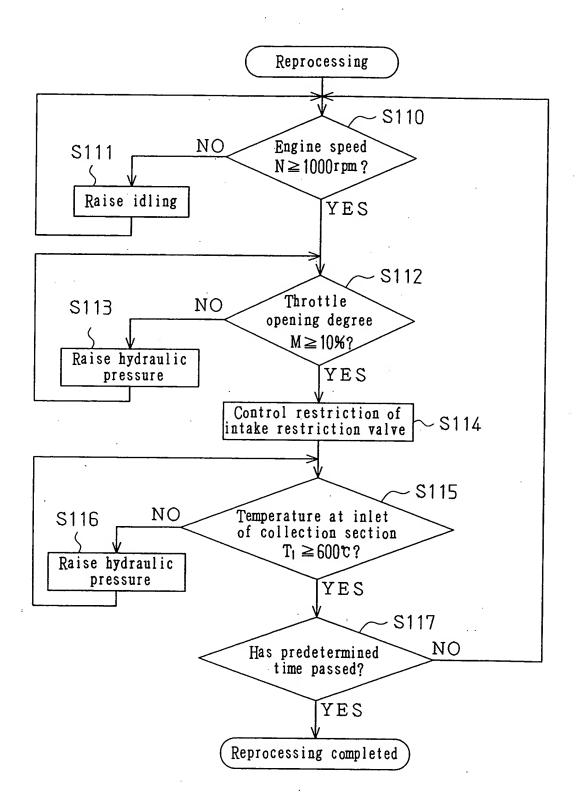


Fig. 4 Reprocessing -S110 Engine speed NO S111  $N \ge 1000 \text{rpm}$ ? YES Raise idling -S112 Throttle S113 NO opening degree M≥10%? Raise hydraulic YES pressure -S120 Differential pressure NO at collection section  $\Delta P \ge BkPa$ ? -S121 Temperature at outlet NO YES. of collection section  $T_2 \ge 620 \text{c}$ ? S122 YES YES Temperature at outlet of collection section  $T_2 \ge 670 \text{ C}$ ? NO Control injection Control injection S125 S123 timing delay angle timing advance angle S126 -Restriction control Control valve opening ~ S124 S127 NO Temperature at inlet **S128** of collection section  $T_1 \geq 600$ °? Raise hydraulic pressure YES. S129 NO Has predetermined time passed? YES Reprocessing completed

Engine torque (Nm) 0 Second embodiment First embodiment No air intake restriction control Engine speed (rpm) <del>6</del>00 ප Air intake restriction control plus fuel injection timing delay angle control (Temperature is raised up to 600°C) (Temperature is raised up to 600 °C) Air intake restriction control

At idling

Fig. 5